

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| S1 | 122 | (beam\$9 with flat\$6 with optic\$ with fiber\$9 with las\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/12 08:58 |
| S2 | 36 | ((uniform\$ with profil\$) with fiber\$9 with las\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/12 09:19 |
| S3 | 131 | ((uniform\$ with profil\$) same (fiber\$9 with las\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/12 09:20 |
| S4 | 95 | S3 not S2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/12 09:23 |
| S5 | 2 | ((many or plural\$ or multiple or several or myriad or sundry or various or seperate or different or discrete or distinct) with ((flat with top) or flattop or flat-top or (top with hat) or tophat or top-hat uniform or plane or plain) with (pulse or beam)) with ((spatial near3 filter)) with ((collim\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/12 12:19 |
| S6 | 1 | ((many or plural\$ or multiple or several or various) with ((flat with top) or flattop or flat-top or (top with hat) or tophat or top-hat or uniform or plane or plain) with (pulse or beam)) with ((spatial with filter or spatial-filter)) with ((collim\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/12 12:22 |
| S7 | 16 | ((many or plural\$ or multiple or several or various) with ((flat with top) or flattop or flat-top or (top with hat) or tophat or top-hat or uniform or plane or plain) with (pulse or beam)) same ((spatial with filter or spatial-filter)) same ((collim\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/12 12:23 |

EAST Search History

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| S8 | 16 | ((many or plural\$ or multiple or several or various) with ((flat with top) or flattop or flat-top or (top with hat) or top-hat or uniform or plane or plain) with (pulse or beam)) same ((spatial with filter or spatial-filter)) same ((collim\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/14 11:15 |
| S9 | 128 | ((many or plural\$ or multiple or several or various) with ((flat with top) or flattop or flat-top or (top with hat) or top-hat or uniform or plane or plain) with (pulse or beam)) and ((spatial with filter or spatial-filter)) same ((collim\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/12 12:28 |
| S10 | 29 | ((many or plural\$ or multiple or several or various) with ((flat with top) or flattop or flat-top or (top with hat) or top-hat or uniform or plane or plain) same (pulse or beam)) same ((spatial with filter or spatial-filter)) same ((collim\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/12 12:28 |
| S11 | 16 | ((many or plural\$ or multiple or several or various) with ((flat with top) or flattop or flat-top or (top with hat) or top-hat or uniform or plane or plain) with (pulse or beam)) same ((spatial with filter or spatial-filter)) same ((collim\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/12 12:29 |
| S12 | 449 | ((many or plural\$ or multiple or several or various) with ((flat with top) or flattop or flat-top or (top with hat) or top-hat or uniform or plane or plain) with (pulse or beam)) and ((spatial with filter or spatial-filter)) and ((collim\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/12 12:34 |
| S13 | 128 | ((many or plural\$ or multiple or several or various) with ((flat with top) or flattop or flat-top or (top with hat) or top-hat or uniform or plane or plain) with (pulse or beam)) and ((spatial with filter or spatial-filter)) same ((collim\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/12 12:30 |
| S14 | 112 | S13 not S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/12 12:30 |

EAST Search History

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| S15 | 6 | ((many or plural\$ or multiple or several or various) same ((flat with top) or flattop or flat-top or (top with hat) or top-hat) with (pulse or beam)) and ((spatial with filter or spatial-filter)) and ((collim\$)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/12 12:36 |
| S16 | 157 | (flat with top or flattop or flat-top or top with hat or top-hat) with (pulse or beam) and (spatial with filter or spatial-filter) and (collim\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/12 12:38 |
| S17 | 27 | (flat with top or flattop or flat-top or top with hat or top-hat) with (pulse or beam) and (spatial with filter or spatial-filter) and (collim\$) and ("356" or "359").clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/12 12:39 |
| S18 | 157 | (flat with top or flattop or flat-top or top with hat or top-hat) with (pulse or beam) and (spatial with filter or spatial-filter) and (collim\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/12 12:39 |
| S19 | 2 | ("6205164").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/14 10:18 |
| S20 | 28 | (spatial with filter or spatial-filter) same (disk or plate) and 372/66,67, 92-108.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/14 11:17 |
| S21 | 1 | (discrete with imaging with optics) and "372".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/14 15:19 |
| S22 | 100 | (end with coupl\$7 with lens with diode) and "372".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/14 15:46 |

EAST Search History

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| S23 | 122 | ((er or erbidium) with dop\$6) and (ER:YAG) with laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/14 15:52 |
| S24 | 4 | ((er or erbidium) with dop\$6 with concentrat\$7) and ((ER:YAG) with laser) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/06/14 15:53 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 2 | ("20050169323").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/14 09:27 |
| S2 | 2434 | (372/6,29.023,71,97).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/19 15:00 |
| S3 | 46 | 372/6.ccls. and 372/71.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/14 09:29 |
| S4 | 1532 | (372/6).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/14 13:11 |
| S5 | 13 | S4 and (eye near safe) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/14 13:34 |
| S6 | 11 | S4 and (Er:YAG) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/14 14:10 |
| S7 | 748 | ((Er:YAG or (eye near3 (safe or saving)) same fiber\$4 same las\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/17 10:01 |
| S9 | 81 | ((Er:YAG or (eye near3 (safe or saving))) with fiber\$4 with las\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/17 10:02 |

EAST Search History

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| S10 | 29 | ((eye near3 (safe or saving))) with fiber\$4 with las\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/17 09:53 |
| S11 | 53 | ((Er:YAG) with fiber\$4 with las\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/14 14:29 |
| S16 | 6 | ((Er:YAG same (eye near3 (safe or saving)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/17 08:02 |
| S17 | 22 | ((Er:YAG and (eye near3 (safe or saving)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/17 08:03 |
| S18 | 74 | ((eye near3 (safe or saving))) same fiber\$4 with las\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/17 09:41 |
| S19 | 29 | ((eye near3 (safe or saving))) with fiber\$4 with las\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/17 09:53 |
| S20 | 45 | S18 not S19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/17 09:54 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| S1 | 390 | fiber near3 laser same pigtail | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/17 15:29 |
| S2 | 390 | (fiber near3 laser) same pigtail | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/17 15:30 |
| S4 | 193 | (fiber near3 laser) same pigtail same diode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/17 15:46 |
| S6 | 13 | (fiber near3 laser) same (flat near2 top) same diode | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/20 11:53 |
| S7 | 2 | ("20050169323").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 13:47 |
| S17 | 536 | (flat near3 top near3 beam) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/18 09:24 |
| S18 | 205 | (flat near3 top near3 beam) and laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/18 09:24 |
| S22 | 648 | ((fiber\$6 near3 laser) same (DBR or (bragg near3 reflect\$6))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/18 11:42 |

EAST Search History

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| S23 | 359 | ((fiber\$6 near3 laser) same (DBR or (bragg near3 reflect\$6))) and "372".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/18 11:45 |
| S24 | 0 | ((fiber\$6 near3 laser) same (DBR or (bragg near3 reflect\$6)) same intergrat\$) and "372".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/18 11:44 |
| S25 | 30 | ((fiber\$6 near3 laser) same (DBR or (bragg near3 reflect\$6)) same integrat\$) and "372".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/18 12:57 |
| S26 | 188 | ((fiber\$6 near3 laser) with (DBR or (bragg near3 reflect\$6))) and "372".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/18 11:46 |
| S27 | 2 | ("5369661").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/18 12:57 |
| S28 | 542 | hexagon\$ and (beam near4 flat\$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/18 13:49 |
| S29 | 26 | hexagon\$ with (beam near4 flat\$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/18 13:56 |
| S30 | 64 | hexagon\$ same (beam near4 flat\$6) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/18 13:56 |

EAST Search History

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| S31 | 38 | S30 not S29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/18 13:56 |
| S32 | 2743 | uniform same intensity same fiber | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/18 15:28 |
| S33 | 832 | uniform with intensity with fiber | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/18 15:31 |
| S34 | 470 | (uniform with intensity with fiber) and laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/18 15:33 |
| S35 | 562 | (uniform\$ with intensi\$ with fiber) and laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/19 11:39 |
| S36 | 85 | (uniform\$ with intensi\$ with fiber with profile\$) and laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/20 09:31 |
| S37 | 10333 | (uniform\$ and intensi\$ and fiber and profile\$) and laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/20 15:46 |
| S38 | 86 | (uniform\$ with intensi\$ with fiber with profile\$) and laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/20 13:21 |

EAST Search History

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| S39 | 86 | S38 and S37 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/20 10:36 |
| S40 | 4 | ("20030011891" "5095386" "6016227" "6052236").PN. OR ("6754007").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2006/04/20 10:20 |
| S41 | 103 | (uniform\$ with intensi\$ with fiber with profile\$) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/20 10:35 |
| S42 | 17 | S41 not S38 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/20 11:00 |
| S43 | 2 | ("5,341,445").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 11:01 |
| S44 | 17 | ("4229067" "4360372" "4714314" "4811172" "4907851" "4910539" "5058985" "5077814" "5199091" "5259056" "5341445" "5367590" "5375387" "5446280" "5479545" "6208678" "6542231").PN. OR ("6963062").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2006/04/20 11:32 |
| S46 | 31 | (fiber near3 laser) same (flat near2 top) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/20 12:07 |
| S47 | 44 | (fiber near5 laser) same (flat near5 top) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/20 12:11 |

EAST Search History

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| S48 | 13 | S47 not S46 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/20 12:08 |
| S49 | 564 | (fiber near5 laser) and (flat near5 top) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/20 12:11 |
| S50 | 520 | S49 not S47 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/20 12:12 |
| S51 | 23 | (uniform\$ with intensi\$ with profile\$) same (fiber with laser) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/20 13:33 |
| S52 | 223 | (uniform\$ with intensi\$ with profile\$) and (fiber with laser) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/20 14:00 |
| S53 | 2 | ("4,932,747").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 13:43 |
| S54 | 175 | S52 not S38 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/20 14:01 |
| S57 | 2 | ("5251067").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/20 15:30 |

EAST Search History

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| S58 | 4929029 | (uniform\$ or intensi\$ or fiber or profile\$) or laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/20 15:46 |
| S59 | 223 | S58 and S52 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/20 15:51 |
| S60 | 4379 | collimat\$ same lens same fiber same laser | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/24 11:19 |
| S61 | 3239 | collimat\$ same lens same (fiber with laser) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/24 11:21 |
| S62 | 38588 | lenses and (fibers or lasers) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/04/24 11:21 |
| S64 | 64 | S61 and S62 and hexagon\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/04/24 15:12 |
| S65 | 3239 | collimat\$ same lens same (fiber with laser) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | ON | 2006/04/24 15:12 |
| S66 | 38588 | lenses and (fibers or lasers) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/04/24 15:12 |

EAST Search History

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| S67 | 1555 | S65 and S66 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/04/24 15:59 |
| S68 | 429 | S65 and S66 and profile | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | AND | OFF | 2006/04/24 15:59 |